

WEST Search History

DATE: Monday, May 12, 2003

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=ADJ

L21	good eyespot resistance and early pollen shed	0	L21
L20	l12 and improved stalk strength	1	L20
L19	northern corn belt and good grain quality	17	L19
L18	l13 and ilmproved stalk strength	0	L18
L17	average pollen shed and northern corn belt	2	L17
L16	early pollen shed and northern corn belt	0	L16
L15	l12 and northern corn belt	17	L15
L14	l12 and northern cornbelt	1	L14
L13	l12 and early pollen shed	5	L13
L12	good grain quality and (corn or maize)	329	L12
L11	pta-2660	0	L11
L10	np2052 and (corn or maize)	0	L10
L9	l2 and l4 and l6 and l8	0	L9
L8	L7 and (corn or maize)	191	L8
L7	cob adj10 (19 or white)	199	L7
L6	L5 and (corn or maize)	18	L6
L5	aleurone adj10 (colorless or 18)	18	L5
L4	L3 and (corn or maize)	12	L4
L3	pubescence adj10 (green-yellow or 5)	17	L3
L2	l1 and (corn or maize)	262	L2
L1	leaf color adj10 (medium green or 02 or 2)	396	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1649axm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADDEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Apr 11	Display formats in DGENE enhanced
NEWS	32	Apr 14	MEDLINE Reload
NEWS	33	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	34	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	35	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	36	Apr 28	RDISCLOSURE now available on STN
NEWS	37	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	EXPRESS		April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	INTER		General Internet Information

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:00:48 ON 12 MAY 2003

=> file agricola biosis		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'AGRICOLA' ENTERED AT 16:00:55 ON 12 MAY 2003

FILE 'BIOSIS' ENTERED AT 16:00:55 ON 12 MAY 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

=> s leaf color (10w) (2 or medium green)
L1 14 LEAF COLOR (10W) (2 OR MEDIUM GREEN)

=> s l1 and (corn or maize)
L2 0 L1 AND (CORN OR MAIZE)

=> s pubescence (10w) (5 or green-yellow)
L3 10 PUBESCENCE (10W) (5 OR GREEN-YELLOW)

=> s l3 and (corn or maize)
L4 0 L3 AND (CORN OR MAIZE)

=> s aleurone color (10w) 18 or colorless)
UNMATCHED RIGHT PARENTHESIS 'COLORLESS)'
The number of right parentheses in a query must be equal to the number of left parentheses.

=> s aleurone color (10w) 18 or colorless
L5 3148 ALEURONE COLOR (10W) 18 OR COLORLESS

=> del 15 y

=> s aleurone color (10w) (18 or colorless)
L5 0 ALEURONE COLOR (10W) (18 OR COLORLESS)

=> s aleurone (10w) (18 or colorless)
L6 9 ALEURONE (10W) (18 OR COLORLESS)

=> s l6 and (corn or maize)
L7 1 L6 AND (CORN OR MAIZE)

=> d ti

L7 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI MR R-M CONTROLLING ELEMENT SYSTEM IN **MAIZE**.

=> d so

L7 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO J HERED, (1987) 78 (3), 163-170.
CODEN: JOHEA8. ISSN: 0022-1503.

=> d ab

L7 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AB A two-unit controlling element system of **maize**, the Mr R-m system, has been characterized. This system involves a receptor element, designated R-m, inserted in the RE locus on the long arm of chromosome 10, and a regulatory element Mr, located on the short arm of chromosome 9 between sh and wx. In the absence of Mr, triploid aleurone tissue with the R-m allele shows dilute color in one dose and full color in two and three doses. The R-m allele also expresses definite anthocyanin pigment in the scutellum but not in the anthers or brace roots of the mature plant. When Mr is present, R-m undergoes frequent changes and produces many colorless patches on a colored **aleurone** field. The patches are nearly **colorless**, with rare small colored spots (reversions back to a full colored R). The colorless patches in the colored aleurone demonstrate the effect of the regulatory element (Mr) on the R-m receptor element. R-m responded differently to different doses of Mr in terms of the average size and frequency of colorless sectors formed. There is some evidence that transposition may occur in both the receptor and the regulatory component R-m can change to stable dominant R as well as to stable or mutable recessive r, which implies that the excision of the receptor element can be either precise or imprecise. The receptor of the Mr R-m system was tested against the regulatory element of the Dt, Ac-Ds and Spm systems, and against R-st and R-mb. The tests proved that the regulatory elements of all of these systems were not able to activate the receptor element R-m.

=> s cob (10w) (19 or white)
L8 15 COB (10W) (19 OR WHITE)

=> s l8 and (corn or maize)
L9 7 L8 AND (CORN OR MAIZE)

=> dup rem l9
PROCESSING COMPLETED FOR L9
L10 6 DUP REM L9 (1 DUPLICATE REMOVED)

=> d 1-6 ti

L10 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Digestibility of high fibre diets and performance of growing Zimbabwean indigenous Mukota pigs and exotic Large White pigs fed **maize** based diets with graded levels of **maize** cobs.

L10 ANSWER 2 OF 6 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 1

TI Allelic frequency change of P1 gene in a **maize** population after recurrent selection for grain yield.

L10 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI Fecal and illeal digestibility of rabbits diets with different fiber

sources.

- L10 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI DOSAGE EFFECTS OF Y GENE ON GRAIN YIELD AND OTHER AGRONOMIC TRAITS IN
MAIZE.
- L10 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI EFFECT OF SOURCE OF NITROGEN SUPPLEMENT AND **CORN** AND COB MEAL
INCLUSION ON THE VOLUNTARY INTAKE AND PERFORMANCE BY STEERS GIVEN
MAIZE SILAGE.
- L10 ANSWER 6 OF 6 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003)
TI Inheritance of popping volume and associated characters in crosses between
popcorn and dent **corn**.

=> d 1-6 so

- L10 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Animal Feed Science and Technology, (3 June, 2002) Vol. 97, No. 3-4, pp.
199-208. <http://www.elsevier.com/locate/anifeedsci>. print.
ISSN: 0377-8401.
- L10 ANSWER 2 OF 6 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003) DUPLICATE 1
SO Crop science, Sept/Oct 1998. Vol. 38, No. 5. p. 1391-1394
Publisher: Madison, Wis. : Crop Science Society of America, 1961-
CODEN: CRPSAY; ISSN: 0011-183X
- L10 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO Arquivo Brasileiro de Medicina Veterinaria e Zootecnia, (Oct., 1997) Vol.
49, No. 5, pp. 617-628.
ISSN: 0102-0935.
- L10 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO EUPHYTICA, (1990) 48 (1), 63-72.
CODEN: EUPHAA. ISSN: 0014-2336.
- L10 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
SO TROP AGRIC, (1979) 56 (4), 327-332.
CODEN: TAGLA2. ISSN: 0041-3216.
- L10 ANSWER 6 OF 6 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2003)
SO Agronomy journal, May 1949. Vol. 41, No. 5. p. 207-212
Publisher: Madison, Wis. : American Society of Agronomy, [1949-
CODEN: AGJOAT; ISSN: 0002-1962

=> s np2052 and (corn or maize)

L11 0 NP2052 AND (CORN OR MAIZE)

=> s pta-2660

L12 0 PTA-2660

=> s good seedling vigor and (corn or maize)

L13 2 GOOD SEEDLING VIGOR AND (CORN OR MAIZE)

```

=> dup rem l13
PROCESSING COMPLETED FOR L13
L14          2 DUP REM L13 (0 DUPLICATES REMOVED)

=> d 1-2 ti

L14 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI  CORN ZEA-MAYS PHYSIOLOGY IN SHORT SEASON AND LOW TEMPERATURE
    ENVIRONMENTS.

L14 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI  COLD TOLERANCE OF MAIZE INBRED LINES ADAPTED TO VARIOUS
    LATITUDES IN NORTH AMERICA.

=> s northern cornbelt
L15          7 NORTHERN CORNBELT

=> del l15 y

=> s northern cornbelt and average pollen shed
L15          0 NORTHERN CORNBELT AND AVERAGE POLLEN SHED

=> s northern cornbelt and early pollen shed
L16          0 NORTHERN CORNBELT AND EARLY POLLEN SHED

=> s early pollen shed and good seedling vigor
L17          0 EARLY POLLEN SHED AND GOOD SEEDLING VIGOR

=> s (resist? or tolera?) and stalk disease?
L18          5 (RESIST? OR TOLERA?) AND STALK DISEASE?

=> s l18 and (corn or maize)
L19          1 L18 AND (CORN OR MAIZE)

=> d ti

L19 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
TI  STALK SPLITTING AS A METHOD FOR EVALUATING STALK ROT OF CORN.

```